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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

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Complete If Known

Application Number	10/632,735
Filing Date	1 August 2003
First Named Inventor	Loren M. Caldwell et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	410391

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
BKA		KORB, C.L.; GENTRY, B. M.; WENG, C.Y. 1992: "Edge Technique: Theory and Application to the Lidar Measurement of Atmospheric Wind." Applied Optics, 31, 4202.
		MILES, R. B.; FORKEY, J. N.; LEMPERT, W. R. 1992: "Filtered Rayleigh Scattering Measurements in Supersonic/Hypersonic Facilities", AIAA 17th Aerospace Ground Testing Conference, paper AIAA-92-3894, pp. 1-10.
		PHILIPPE, L. C.; HANSON, R.K. 1993: "Laser Diode Wavelength-Modulation Spectroscopy for Simultaneous Measurement of Temperature, Pressure, and Velocity in Shock-Heated Oxygen Flows", Applied Optics, 32, 6090-6103.
		ed.BOUTIER, A. New Trends in Instrumentation for Hypersonic Research. SEASHOLTZ, R. G. 1993: "2D Velocity and Temperature Measurements in High Speed Flows Based on Spectrally Resolved Rayleigh Scattering". Advanced Research NATO Workshop, ONERA, Le Fauga-Muazac, France, April 27-May 1, 399-408.
		SHE, C. Y., ALVAREZ II, R. J.; CALDWELL, L. M.; KRUEGER, D.A. 1992: "High Spectral-Resolution Rayleigh-Mie Lidar Measurement of Aerosol and Atmospheric Profiles", Optics Letters, 17, 541.
		WU, Y.; ZHAO, Y.; YANG, F.; XIONG, A.; TANG, J.; ZHEG, L. 1995: "New Method for Acquiring a High-Resolution Atmospheric Rayleigh-Mie Spectrum", Optical Engineering, April, 34, No. 4, 1185-1189.
		YALIN, A. P.; MILES, R. B. 1999: " Ultraviolet Filtered Rayleigh Scattering Temperature Measurements with a Mercury Filter", Optics Letters, 24, 590-591.
		KLINER, D. A. V.; DI TEODORO, F.; KOPLOW, J. P.; MOORE, S. W.; SMITH, A. V. 2002: "Efficient Second, Third, Fourth, and Fifth Harmonic Generation of Yb-Doped Fiber Amplifier", Optics Communications, 210, 393-398.
		TENTI, G.; BOLEY, C. D.; DESAI, R. C. 1974: "On The Kinetic Model Description of Rayleigh-Brillouin Scattering From Molecular Gases", Canadian Journal of Physics, 52, 285-290.
✓		ALVAREZ II, R. J.; CALDWELL, L. M.; WOLYN, P. G.; KRUEGER, D. A.; MCKEE, T. B.; SHE, C. Y. 1993: "Profiling Temperature, Pressure, and Aerosol Properties Using a High Spectral Resolution Lidar Employing Atomic Blocking Filters", Journal of Atmospheric and Oceanic Technology, 10, 546.

Examiner Signature

Date Considered

6/16/04

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¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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